## **REMARKS**

Reconsideration of the present application is respectfully requested.

New independent claims 21 and 22 have replaced original claims 1 and 18 to clarify the "twisted" nature of the invention, i.e., a double-twisted geometry about the respective axes 47 and 48, which provides four sets of cutting edges (two on top -- two on bottom), each of which having a relatively large rake angle, leading to superior cutting performance. The cutting insert comprises four corners so that it can be placed in four different cutting positions. This became possible by shaping the base surface in the same way as the top surface. Consequently, the top surface and the base surface may be placed on the seat surface. In comparison to known cutting inserts, the new cutting insert can be used in four positions instead of just two while providing positive rake angles in all working positions.

The Satran '737 patent does not disclose a cutting insert configured as twisted in the manner recited in claims 1 and 18. Moreover, there are no cutting edges at the bottom surface, the top and bottom surface being differently configured.

New independent claims 23 and 28 recite that each side surface has four corners, including a first pair of diagonally opposite corners C, C' and a second pair of diagonally opposite corners D, D' now labeled in Fig. 4. The first pair of corners are spaced by equal distances  $\underline{c}$  from the center plane 46, and the second pair are spaced by equal distances  $\underline{d}$  from the center plane, wherein  $\underline{d}$  is greater than  $\underline{c}$ . Each side surface thus defines a short first diagonal dg extending between the first pair of corners and a long second diagonal DG extending between the second pair of corners. The long diagonal of each side surface is non-parallel to the long diagonal of an opposite side surface

Attorney's Docket No. <u>033851-007</u> Application No. <u>10/790,235</u>

Page 14

Claims 23 and 28 distinguish patentably over the applied prior art. For

example, claims 23 and 28 recite that the four side surfaces define respective cutting

edges with both the top and base surfaces. It will be appreciated that Satran et al.

'737 does not disclose cutting edges on the base surface 4, as noted earlier.

Furthermore, the side surfaces 6 of Satran et al. are configured differently

from the side surfaces recited in claims 23 and 28. For example, claims 23 and 28

recite the distances c and d, with the distances c being equal, and the distances d

being equal and greater than c. In the attached copy of Fig. 2 of Satran et al. the

corresponding distances *c,c* are markedly different from one another.

Accordingly, it is submitted that Satran et al. discloses a cutter insert of

considerably different configuration than that presently claimed.

The specification has been amended to provide antecedent basis for

language now used in the claims. It will be appreciated that the amendment

describes characteristics that are inherent from the original disclosure.

In light of the foregoing, it is submitted that the present application is in

condition for allowance.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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Alan E. Kopecki

Registration No. 25,813

P.O. Box 1404 Alexandria, Virginia 22313-1404

(703) 836-6620

## **AMENDMENT TO THE DRAWINGS**

The attached sheet of drawings includes changes to Fig. 4 and replaces the original sheet, inclusive of Figs. 3-4.

In Fig. 4, reference letters C, D', D, D', dg, DG, c (twice) and (d) twice, and a center plane 46 have been inserted.

Attachment: Replacement Sheet (Figs. 3-4)